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Abstract

A device for determining a movement of an eye (1) arranged in front of said device comprises an illumination unit by means of which optical radiation can be generated and emitted as an illumination ray bundle (13, 13', 13") for illumination of at least one area of the cornea (7) of the eye (1), a distance-determining unit (17), by means of which the illumination ray bundle (13, 13', 13") returned as a detection ray bundle (14, 14', 14") by the cornea (7) can be received in a temporally resolved manner, and a distance signal corresponding to a distance of the cornea (7) from a reference plane (12, 12', 12") can be generated using the received optical radiation of the detection ray bundle (14, 14', 14"), said reference plane (12, 12', 12") being defined relative to the distance-determining unit (17), and an evaluating unit (11), by means of which a position or movement signal corresponding to a position or movement of the eye (1) can be generated using said distance signal.

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Fig. 2

